Philips
LCD monitor with
LightFrame™

17"
SXGA

170P5ES

the best productivity solution

When the job demands ultimate performance: Philips 170P5 gets the job done with advanced ergonomics and clearly superior front-of-screen performance plus SmartManage for remote, LAN-based monitor management and low power consumption.

Outstanding front of screen performance

- LightFrame™ delivers best-ever sharpness and brightness
- Zero Bright Dot™ eliminates LCD bright dot defects
- SXGA 1280 x 1024 resolution for sharper display
- Fast response time for great display of moving images
- Dual input accepts both analog VGA and digital DVI signals
- Easy plug-and-play DVI for a true digital experience

Maximum comfort for maximum productivity

- Built-in speakers for audio without desktop clutter
- Adjustable screen height for the ideal viewing angle
- 90 degrees portrait and landscape display
- Tilt and swivel adjustment for an ideal viewing angle

Best total cost of ownership solution

- SmartManage compatibility enables LAN-based asset management
- Power consumption below the industry average

PHILIPS
sense and simplicity

LCD monitor with LightFrame™
17" SXGA

170P5ES/00

Specifications

Picture/Display
- LCD panel type: 1280 x 1024 pixels, Anti-glare polarizer, RGB vertical stripe
- Panel Size: 17"/ 43 cm
- Effective viewing area: 337.9 x 270.3 mm
- Pixel pitch: 0.264 x 0.264 mm
- Brightness: 250 cd/m²
- Contrast ratio (typical): 450:1
- Display colors: 16 M
- Viewing angle: @ C/R > 5
- Viewing angle (H / V): 160 / 140 degree
- Response time (typical): 16 ms
- White Chromaticity, 6500K: x = 0.313 / y = 0.329
- White Chromaticity, 9300K: x = 0.283 / y = 0.297
- Maximum Resolution: 1280 x 1024 @ 75 Hz
- Optimum Resolution: 1280 x 1024 @ 60 Hz
- Factory Preset Modes: 15 modes
- User definable modes: 16 modes
- Horizontal Scanning Frequency: 30 - 82 kHz
- Refresh Rate (V): 56 - 76 Hz
- Picture enhancement: LightFrame ™
- sRGB

Connectivity
- Signal Input: VGA (Analog), DVI-D, PC Audio in
- I/O interface on pad: Headphone jack

Convenience
- Built-in Audio: 2 W RMS x 2 Stereo Speakers
- User convenience: On-screen Display, SmartManage
- Monitor Controls: Auto, Brightness Control, Left/ Right, LightFrame, Menu (OK), Power On/Off, Up/Down, Volume control
- OSD Languages: English, French, German, Italian, Simplified Chinese, Spanish
- Other convenience: Kensington lock
- Plug & Play Compatibility: DDC CI, sRGB, Windows 98/ME/2000/XP
- Regulatory Approvals: CE Mark, E2000, FCC-B, UL, CSA, NUTEK, Energy Star, SEMKO, EMC, TCO '99, TÜV/GS, TÜV Ergo, TCO '03
- Swivel: +/- 45°
- Tilt: -5° to 25°
- VESA Mount: 100 x 100 mm

Accessories
- Included Accessories: AC Power Cord, Audio Cable, DVI-D cable, VGA cable
- Pivot & Portrait User Pack
- User Manual

Dimensions
- Dimensions (with base) (W x H x D): 375 x 396 x 201 mm
- Height adjustment range: 130 mm
- MTBF: 50,000 hrs
- Relative humidity: 20% - 80%
- Temperature range (operation): 5°C to 40°C
- Temperature range (storage): -20°C to 60°C
- Weight: 6.3 kg

Power
- Complies with: E2000, Energy Star, NUTEK
- Consumption (On mode): 33 W (Typical)
- Consumption (Off Mode): < 1 W
- Power LED indicator: Operation - Blue, Stand by/ sleep - Amber
- Power supply: Built-in

Product highlights

LightFrame™
An intelligent and revolutionary technology for enhancing monitor's brightness, sharpness, contrast, and color. Images enhanced by LightFrame™ are lively, realistic, clear, attractive and colorful.

Zero Bright Dot™
Bright dots are defects in a LCD panel once thought to be an inevitable part of the manufacturing process. With Zero Bright Dot™, Philips monitors are guaranteed without bright dot defects.

SXGA, 1280 x 1024 resolution
For graphics monitors, the screen resolution signifies the number of dots (pixels) on the entire screen. For example, a 1280-by-1024 pixel screen is capable of displaying 1280 distinct dots on each of 1024 lines, or about 1.3 million pixels.

Fast response time
Response time measures signal reaction speed in milliseconds. On/off response time measures the time required for the screen to turn from completely white to completely black and vice versa. Fast on/off response time improves display of text. Gray-to-grey response time measures the average time of transition between several sets of random gray levels - Lower numbers mean faster transitions. Faster is better because a fast response time eliminates visible image artifacts that could dampen your experience when viewing fast moving images or objects.

Dual input
Dual input provides connectors to accommodate input of both analog VGA and digital DVI signals.

In-box DVI cable
A DVI cable is shipped with the product to provide high quality digital display.

Built-in speakers
Audio speakers built into a display device.

Adjustable height
Adjustable height is the ability of a monitor to travel up or down on its base and lock into position when the desired height is reached, delivering a comfortable, individualized viewing angle that is just right for the user's height, weight, body-type and posture, alleviating possible eyestrain or fatigue that can come from long hours working on a computer.

ScreenRotate
ScreenRotate makes it possible to use a monitor in either the landscape and portrait mode; to change orientation for a better view of a selected document or image, the monitor is rotated to the desired orientation.

Screen tilt and swivel
Screen tilt and swivel is a mechanism built into the base permits the monitor to swivel and tilt backward or forward.

SmartManage enabled
SmartManage is a system for monitoring, managing and checking status of display devices as well as delivering remote support to users who experience difficulties - all accomplished over a LAN.

Lower power consumption
Reduction of the electrical power required to operate a device.

Issue date 2009-02-12
Version: 7.0.9
12 NC: 8639 000 15088
EAN: 87 10895 82388 3

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